

UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION
ACCIDENT INVESTIGATION REPORT

1. OCCURRED

DATE: **06-OCT-2006** TIME: **0140** HOURS

2. OPERATOR: **BHP Billiton Petroleum (GOM) Inc.**

REPRESENTATIVE: **Ron Campbell**

TELEPHONE: **(713) 961-8421**

CONTRACTOR:

REPRESENTATIVE:

TELEPHONE:

3. OPERATOR/CONTRACTOR REPRESENTATIVE/SUPERVISOR
ON SITE AT TIME OF INCIDENT:

4. LEASE: **G08035**

AREA: **AT** LATITUDE:

BLOCK: **574** LONGITUDE:

5. PLATFORM:

RIG NAME: **GSF DEVELOPMENT DRILLER I**

6. ACTIVITY:

EXPLORATION(POE)
 DEVELOPMENT/PRODUCTION
(DOCD/POD)

7. TYPE:

HISTORIC INJURY
 REQUIRED EVACUATION
 LTA (1-3 days)
 LTA (>3 days)
 RW/JT (1-3 days)
 RW/JT (>3 days)
 Other Injury

FATALITY
 POLLUTION
 FIRE
 EXPLOSION

LWC HISTORIC BLOWOUT
 UNDERGROUND
 SURFACE
 DEVERTER
 SURFACE EQUIPMENT FAILURE OR PROCEDURES

COLLISION HISTORIC >\$25K <=\$25K

STRUCTURAL DAMAGE
 CRANE
 OTHER LIFTING DEVICE
 DAMAGED/DISABLED SAFETY SYS.
 INCIDENT >\$25K
 H2S/15MIN./20PPM
 REQUIRED MUSTER
 SHUTDOWN FROM GAS RELEASE
 OTHER

6. OPERATION:

PRODUCTION
 DRILLING
 WORKOVER
 COMPLETION
 HELICOPTER
 MOTOR VESSEL
 PIPELINE SEGMENT NO.
 OTHER

8. CAUSE:

EQUIPMENT FAILURE
 HUMAN ERROR
 EXTERNAL DAMAGE
 SLIP/TRIP/FALL
 WEATHER RELATED
 LEAK
 UPSET H2O TREATING
 OVERBOARD DRILLING FLUID
 OTHER _____

9. WATER DEPTH: **6213** FT.

10. DISTANCE FROM SHORE: **124** MI.

11. WIND DIRECTION: **SSE**
SPEED: **10** M.P.H.

12. CURRENT DIRECTION: **SSW**
SPEED: **3** M.P.H.

13. SEA STATE: **4** FT.

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

Main Side drill floor was running in hole with 13 5/8" casing on drill pipe. Mud was reported to be coming from around the bottom of diverter and dripping onto slip joint and into sea. Investigations revealed that the mud was leaking between the diverter and diverter housing. Area between housings was packed with manila rope to reduce flow until well could be secured and operations allowed diverter removal for repairs. Spill Team responded and immediately started clean-up and source containment. Trash can was placed in cherry picker [man rider] and positioned to capture main drip path to prevent entry into sea.

Remedial Actions: Secure well - pull diverter, troubleshoot, repair and reinstall. Continue to clean residual SBM Mud from around moon-pool area.

Discharge of SBM into the water Discharge volume was 3bbls, consisting of 18% solids, 21% water and 61% synthetic base fluid or 1.83 bbls.

18. LIST THE PROBABLE CAUSE(S) OF ACCIDENT:

Diverter seal failed.

19. LIST THE CONTRIBUTING CAUSE(S) OF ACCIDENT:

The rig examined the seal and found no obvious reason for the seal to fail. These seals are energized by control fluid, there was a leak of control fluid from the seal and the seal de-energized. Once de-energized the seal allowed mud to pass.

21. PROPERTY DAMAGED: 3 bbl of SOBM
NATURE OF DAMAGE: Lost overboard

ESTIMATED AMOUNT (TOTAL): \$900

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

No recommendation to MMS.

The New Orleans District concurs with operator's recommendations to prevent recurrence. The diverter seal shall be visually inspected prior to each installation.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: NO

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

26. ONSITE TEAM MEMBERS:

29. ACCIDENT INVESTIGATION
PANEL FORMED: NO

OCS REPORT:

30. DISTRICT SUPERVISOR:

Troy Trosclair

APPROVED

DATE: 08-DEC-2006

POLLUTION ATTACHMENT

1. VOLUME: GAL 1.83 BBL
YARDS LONG X YARDS WIDE

APPEARANCE:

2. TYPE OF HYDROCARBON RELEASED: OIL
 DIESEL
 CONDENSATE
 HYDRAULIC
 NATURAL GAS
 OTHER Synthetic Oil Base Mud (SOBM)

3. SOURCE OF HYDROCARBON RELEASED: **Diverter seal**

4. WERE SAMPLES TAKEN? **NO**

5. WAS CLEANUP EQUIPMENT ACTIVATED? **NO**

IF SO, TYPE: SKIMMER
 CONTAINMENT BOOM
 ABSORPTION EQUIPMENT
 DISPERSANTS
 OTHER _____

6. ESTIMATED RECOVERY: GAL BBL

7. RESPONSE TIME: HOURS

8. IS THE POLLUTION IN THE PROXIMITY OF AN ENVIRONMENTALLY SENSITIVE AREA (CLASS I)? **NO**

9. HAS REGION OIL SPILL TASK FORCE BEEN NOTIFIED? **NO**

10. CONTACTED SHORE: **NO** IF YES, WHERE:

11. WERE ANY LIVE ANIMALS OBSERVED NEAR: **NO**

12. WERE ANY OILED OR DEAD ANIMALS OBSERVED NEAR SPILL: **NO**